

STATE OF CALIFORNIA CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

**California Integrated Waste Management Board
 Office of Local Assistance
 1001 I Street, (MS-25)
 PO Box 4025
 Sacramento, CA 95812-4025**

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

- 1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
- 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification			
<i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name Desert Hot Springs		County Riverside	
Authorized Signature		Title	
Type/Print Name of Person Signing	Date 1/2/2002	Phone () Include Area Code	
Person Completing This Form (please print or type)		Title	
Board Staff- CIWMB/OLA			
Affiliation:			
Mailing Address	City	State	ZIP Code
E-Mail Address			

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year:	2. Proposed new generation-based study year:
1990	1999

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

A 5-year analysis of hauler tonnages disposed was performed and the study year was representative of the period for each of the waste generator categories (residential, commercial and industrial).

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 15 %	Diversion rate calculated using new generation-based study	b. 15 %
For existing base year pounds/person/day based on generation	6.707	For new generation based study pounds/person/day based on generation	6.5
Residential generation 34 %	Non-Residential generation 66 %	Residential generation 34% %	Non-Residential generation 66% %
Population existing generation-based study	11,668	Population new generation-based study	15,500

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

The new generation-based approach reflects the results of actual programs that are in place, especially source reduction efforts of large generators and in-house recycling programs of retail grocers and local government.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The Waste Diversion Study captured information on actual source reduction and recycling programs that were not reflected in the 1990 base-year approach. The difference also points to suspected problems with accurate identification of jurisdiction of origin for self-haul waste disposed at a local landfill. Self-haul tonnage disposed represents 37.7 % of the total tonnage disposed. The City requires all premises to subscribe to refuse collection services; conversely, premises in the adjacent unincorporated county area do not face similar requirements. Inasmuch as the city and county premises share post office delivery designations, it is believed that the 1990 base-year and current self-haul tonnage disposal figures are distorted.

7. Disposal Tonnage (enter values):	5313	10314	15627
	Residential	Non-Residential	Total

Please select the **ONE** choice below that best explains your disposal data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmb.ca.gov/LGCentral/Forms/rytnmdrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. *Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested.* Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
Residential Source Reduction Activities					
Backyard composting					
Grasscycling		0.0%			
Other Residential Source Reduction (list each program separately)					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal, Residential Source Reduction	0	0.0%			
Residential Recycling Activities					
Curbside Recycling					
	310	1.7%	ONP OCC, beverage containers, metal cans	actual tonnage, Hauler program	franchised hauler report/ On file with the City /Consultant
Buyback Centers	183	1.0%	Beverage containers	actual tonnage	DOC/ On file with City/Consultant
Drop-off Centers					

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwrmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm					
Other Residential Recycling (list each program separately)					
Garage Sales	0	0.0%			
Thrift Stores	0	0.0%			
Telephone Books	2	0.0%	telephone books	actual tonnage, Hauler program	franchised hauler report/ On file with the City /Consultant
White goods	35	0.2%	appliances	actual tonnage, Hauler program	franchised hauler report/ On file with the City /Consultant
Enter program name					
Subtotal, Residential Recycling	530	2.9%			
Residential Composting Activities					
Green Waste Drop-off					
Curbside Green Waste					
Christmas Tree Program	0	0.0%			
Other Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal, Residential Composting	0	0.0%			
Subtotal, Residential Diversion	530	2.9%			
Non-Residential Source Reduction Activities:					
Non-Residential Waste Audits*	566	3.1%	See Section 9	See Section 9	See Section 9
Other Non-Residential Source Reduction (list each program separately)					
Subtotal, Non-Residential Source Reduction	566	3.1%			

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation w/multiple materials in one box)	Specific Conversion Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmb.ca.gov/LGCentral/Paris/Codes/Reduce.htm	(A)	{A/Total Generation}			
Recycling					
Non-Residential Waste Audits*	413	2.2%	See Section 9	See Section 9	See Section 9
Other Non-Residential Recycling (list each program separately)					
Subtotal Non-Residential Recycling	413	2.2%			
Non-Residential Composting Activities					
Non-Residential Waste Audits*	270	1.5%	See Section 9	See Section 9	See Section 9
Other Non-Residential Composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	270	1.5%			
Subtotal Non-Residential Diversion	1249	6.8%			
Residential/Non-Residential Diversion Activities					
ADC	995	5.4%	Greenwaste	actual weight	Disposal Reporting System, County Waste Mgmt.
Sludge					
Scrap Metal					
Construction and Demolition					
Landfill Salvage					
Subtotal Residential/Non-Residential Diversion	995	5.4%			
Total Res/Non-Res Source Reduction Tons	566	3.1%			
Total Diversion Tons	2774	15.1%			
Total Disposal Tons from Sec.7	15627	84.9%			
Total Generation Tons (Div+Dis)	18401				
Diversion Rate					
	15%				

9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities Include Material Type (e.g., paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other ___
Grocery Store	9	OCC, paper, grease rendering, plastics and metal recycling. Pallet reuse, and organics composting.	2	186	110	297.35	1.6%	O
Municipal Facilities	53	paper reduction, grasscycling, tires recycling, pallet reuse, toner cartridges, mulch and yardwaste	241	6		247	1.3%	O
Water Treatment	5	yard waste composting, C&D recycling, and paper reduction	1	47	160	208	1.1%	O
Middle School	49	grasscycling, paper reduction, and clothing donation.	202			202	1.1%	P
Grocery Store	10	OCC, paper, grease rendering, plastics and metal recycling, and organics composting.	8	135		143	0.8%	O
Elementary School	47	paper and OCC recycling (hauler program- counted elsewhere), paper reduction, clothing donation, and grasscycling.	53			53	0.3%	O
Elementary School	48	paper reduction, furniture and equipment repair, and grasscycling	25			25	0.1%	O
Auto Parts Sales	13	shipping container and pallet reuse, paper reduction, and OCC recycling.	5	8		13	0.1%	N/A
Restaurant	22	grease rendering and OCC recycling		12		12	0.1%	N/A
Restaurant	19	grease rendering and OCC recycling, pallet reuse and paper reduction.	6	4		10	0.1%	N/A
Totals			542.75	397.6	270	1210.35	6.6%	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business).

OCC recycling- Reference number 9) actual weight. Reference number 10) actual weight. Reference number 47) *hauler program (counted elsewhere)*. Reference number 13) actual weight. Reference number 22) 7.81 tons returned to distribution center. Reference number 19) *hauler program (counted elsewhere)*.

paper recycling- Reference number 9) actual weight. Reference number 10) actual weight. Reference number 47) *hauler program(counted elsewhere)*

grease rendering- Reference number 9) actual weight. Reference number 10) 6-55 gal. drums@35 lbs/ea. picked up by processor. Reference number 22) actual weight. Reference number 19) 150 lbs/wk.

metal recycling- Reference number 9) actual weight.

pallet reuse-Reference number 9) Out of 350 pallets/wk in the system, 25% of them are repaired and reused. This equates to 87.5 pallets/wk@40 lbs/pallet. Reference number 53) 30 pallets repaired and reused@40 lbs/pallet. Reference number 13) 15 small plastic pallets/wk@10 lbs/ea. Reference number 19) 24 wood pallets/mo@40lbs/pallet.

organic composting-Reference number 9) actual weight.

paper reduction- Reference number 53) 388reams@5 lbs/500 sheet reams. Reference number 5) 1CY/mo@363.51 lbs/CY. Reference number 49) 1,536 reams@5 lbs/500 sheet ream. Reference number 48) 468 reams @ 5lbs/500 sheet ream. Reference number 19) .56 ream/yr reduction@5 lbs/500 sheet ream.

clothing donation- Reference unمبر 49) 100 lbs/yr unclaimed clothing donated to charity. Reference number 47) 3, 33-gal. plastic bags/mo.@30 lbs/33-gal. plastic bag.

grasscycling- Reference number 53) 621,841 sf measured turf area@350 lbs/1000 sf. Reference number 49) 1,091,250 sf measured turf area@350 lbs/1000sf. Reference number 47) 304,920 sf measured turf area mowed and grasscycled@350 lbs/1000 sf. Reference number 48) 130,950sf turf grasscycled@350 lbs/1000 sf.

shipping container reuse-Reference number 13) 100 plastic shipping containers/week@5 lbs/ea.

food donation-Reference numبر 10) actual weight.

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concrete, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept."

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Pull Down for Waste Types ▼	Copper wire recycling by communications business	1991	0
Pull Down for Waste Types ▼	Concrete recycling by Public Works Department	1995	36
Pull Down for Waste Types ▼	Hauler program in response to landfill ban	1997	35
Pull Down for Waste Types ▼	C & D recycling at Water Treatment plant	1990	47
Pull Down for Waste Types ▼			
Pull Down for Waste Types ▼			

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (**Note** : this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of previously submitted information. _____ (Date)

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		
Pull Down for Waste Types ▼		

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note** : Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Tonnage	1990 Diversion Tonnage	Difference
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				
Pull Down for Waste Types ▼				

Attachment 9
 All Non-Residential Generators Surveyed

Business Audit Diversion for the City of Desert Hot Springs

Reference Number	Business Type	Diversion Activity	Material Type	Conversion Factor and Source (QTY=Quantity, S=Source, CF=Conversion Factor)	Tons
1	HVAC Contractor	Recycling	tires	QTY: 10 tires/yr recycled by vendor; S: Mgr records; CF: 20 lbs/lt truck/passenger tire (USEPA)	0.10
2	Printing Firm	Donation	equipment	QTY: Donation of 1,000 lb press to school; S: Mgr report based on actual weight of press; CF: N/A	0.50
		Reduction	paper	QTY: 9.6 reams/yr reduction; S: Mgr report of effect of pricing incentives for 2-sided copies based on customer activity; CF: 5 lbs/500 sheet ream (USEPA).	0.02
3	Postal Service	Reduction	paper	QTY: 100 reams/yr reduction; S: Mgr est based on reduction in paper purchases since start of program; CF: 5 lbs/500 sheet ream (USEPA).	0.25
		Reuse	pallets	QTY: 13 pallets/mo backhauled to central distribution; S: Mgr report of activity; CF: 40 lbs/pallet (USEPA)	3.12
		Recycling	tires	(Mgr reports program but unable to estimate qty.)	0.00
4	Communications	Recycling	paper	QTY: 1 CY/mo mixed paper backhauled to central distribution; S: Local mgr records; CF: 363.51 lbs/CY (USEPA).	2.12
		Reuse	pallets	QTY: 3 pallets backhauled by vendor/central distribution; S: Mgr report of activity; CF: 40 lbs/pallet (USEPA)	0.02
		Recycle	metal	QTY: 40 lbs/mo copper wire returned to corporate distribution center & recycled; S: Site mgr report of distribution center record; CF: N/A.	0.24
5	Water Treatment	Reduction	xeriscaping	QTY: 20,000 sf planted area; S: Mgr report of activity and measurement of area planted as xeriscape instead of turf; CF: 350 lbs/1,000 sf planted area for grasscycling (USEPA).	3.50
		Composting	yard waste	QTY: 160 tons yard waste; S: Mgr record of load tickets for material sent to local composter; CF: N/A.	160.00
		Recycling	C+D	QTY: 47.25 tons C+D mgr. record of load tickets.	47.25

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		Reduction	paper	QTY: 540 reams/yr from 2-sided copies, memo routing, reuse, bulletin board, & electronic PO's; S: Mgr report of reduction in paper consumption since start of program; CF: 5 lbs/500 sheet ream (USEPA).	1.35
		Reduction	pallets	QTY: 12 pallets/yr reused; S: Mgr report; CF: 40lbs ea (USEPA)	0.24
		Composting	pallets	QTY: 36 damaged pallets/yr composted; S: Mgr report; CF: 40lbs ea (USEPA)	0.72
7	Hardware Store	Recycling	glass bottles	QTY: 1, 33-gal can of glass beverage bottles (75 lbs ea) recycled weekly at local facility; S: Store mgr record of transactions (proceeds go to employee fund); CF: N/A.	1.95
		Recycling	aluminum cans	QTY: 1, 33-gal trash can of uncrushed alum cans recycled weekly at area facility; S: Store mgr record of transactions (proceeds go to employee fund); CF: 5.61 lbs/33-gal can (USEPA).	0.15
		Recycling	paint	QTY: 120 gals/yr of unsold special mix paint donated to charities for projects (avg. 12 lbs/can per store mgr.); S: Store mgr report; CF: N/A.	0.72
		Recycling	OCC	Hauler program (counted elsewhere)	0.00
8	Variety Store			(No activity reported)	0.00
9	Grocery (37,000 sf)	Recycling	OCC	QTY: 162 tons; S: Corporate center report of tonnage (actual wt.); CF: N/A.	162.00
		Recycling	paper	QTY: .10 tons; S: Corporate center report of tonnage (actual wt.); CF: N/A.	0.10
		Reduction	paper	QTY: 226 reams/yr from 2-sided copies, memo routing, paper reuse, e-mail, electronic faxing, & electronic orders S: Mgr report of reduction in paper consumption since start of programs; CF: 5 lbs/500 sheet ream (USEPA).	0.56
		Reuse	pallets	QTY: 350 pallets/wk; S: Mgr record of receiving activity; CF: 40 lbs ea (USEPA). <i>25% repaired + reused</i>	1.15 0.04
		Reduction	food	QTY: 52 tons produce, baked goods, damaged packages donated to local food banks (mgr record based on personal inspection of outgoing goods); CF: N/A.	0.52
		Composting	organics	QTY: 110 tons organic waste (produce); S: Corporate center report of tonnage (actual wt.); CF: N/A.	110.00
		Recycling	meat & grease	QTY: 18 tons meat & grease; S: Corporate center report of tonnage (actual wt.); CF: N/A.	18.00
		Recycling	plastics	QTY: 5.3 tons PET, HDPE, bags & film; S: Corporate center report of tonnage (actual wt.); CF: N/A.	5.30
		Recycling	metal	QTY: 1.4 tons metal cans; S: Corporate center report of tonnage (actual wt.); CF: N/A.	1.40
10	Grocery (34,500 sf)	Recycling	OCC/paper/plastic	QTY: 0.5 tons daily returned to central processing (actual wt.); S: Mgr records; CF: N/A.	130.00
		Recycling	Lard/grease/meat	QTY: 6-55gal drums @ 35lbs ea picked up by processor (actual wt.); S: Mgr records; CF: N/A.	5.46
		Reuse	pallets	QTY: 200 pallets/wk returned to central distribution; S: Mgr records; CF: 40 lbs ea (USEPA).	0.80

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All Non-Residential Generators Surveyed

		Donation	food	QTY: 300 lbs/wk of produce, baked goods, damaged goods donated to local food banks; S: Mgr record based upon personal inspection of outgoing goods; CF: N/A.	7.80
		Reduction	paper	(Mgr reports program but unable to document qty.)	0.00
11	Grocery (10,000 sf)	Reuse	OCC	QTY: 35.85 tons OCC returned to distribution ctr or reused by customers in leju of purchasing bags @ 5 cents ea (35.85 ton est. extrapolated from OCC generated by another grocery (ref # 9) adjusted for size, 43.78 tons, less 7.93 tons collected in Hauler Program; S: Mgr report of practices, business ref #9 records and Hauler records; CF: N/A.	0 25.85
		Reduction	food	QTY: 6-ton est by mgr as a result of produce markdown program designed to prevent discards; S: Mgr report of activity; CF: N/A.	6.00
		Recycling	OCC	Hauler program (counted elsewhere)	0.00
		Reuse	pallets	(Mgr reports program but unable to document qty.)	0.00
12	Auto Parts Sales	Reduction	paper	QTY: .5 ream/wk; S: Mgr report based on reduced paper consumption since start of program; CF: 5 lbs. per 500 sheet ream (USEPA)	0.07
		Reuse	pallets	QTY: 25 pallets/mo; S: Mgr report based on receiving activity; CF: 40 lbs ea (USEPA)	6.00
		Reuse	equipment	QTY: 10 lbs/mo of used tools, equipment & supplies donated to local schools; S: Mgr est based on writedowns and reports to corporate; CF: N/A.	0.06
13	Auto Parts Sales	Reuse	shipping containers	QTY: 100 plastic shipping containers/week; S: Mgr record of receiving activity; CF: 5 lb ea (mgr weighed)	1.30
		Reuse	pallets	QTY: 15 small plastic pallets/wk; S: Mgr report of receiving activity; CF: 10 lbs ea (mgr weighed)	3.90
		Recycling	OCC	QTY: 7.81 tons (actual weight); S: Mgr report of corporate record for central processing; CF: N/A.	7.81
		Reduction	paper	(Mgr reports program but unable to document qty.)	0.00
14	Auto Parts Sales	Recycling	OCC	QTY: 2 CY flattened OCC/wk; S: Mgr report of volume returned to central distribution; CF: 50 lb/CY (USEPA).	2.60
		Reduction	paper	QTY: 1 ream/mo reduction from 2-sided copies (other reduction activities exist but not quantified); S: Mgr report of reduction in paper consumption from program inception; CF: 5 lbs/500 sheet ream (USEPA).	0.03
		Recycle	tires	QTY: 6 tires/yr recycled by vendor; S: Mgr report; CF: 20 lbs per passenger/lt Irk tire (USEPA).	0.06
		Reuse	pallets	QTY: 12/mo returned to central distribution for reuse; S: Mgr report of receiving activity; CF: 40 lbs/pallet (USEPA).	2.88
15	Gas/Convenience Stop	Recycling	OCC	Hauler program (counted elsewhere)	0.00
16	Gas/Convenience Stop	Recycling	OCC	Hauler program (counted elsewhere)	0.00
17	Gas/Convenience Stop			(No activity reported)	0.00

Attachment 9
All Non-Residential Generators Surveyed

18	Fast Food Restaurant	Recycling	OCC	Hauler program (counted elsewhere)	0.00
		Reuse	pallets	QTY: 5 pallets/wk; S: Mgr report of receiving activity; CF: 40 lbs/pallet (USEPA).	5.20
		Recycling	grease	QTY: (Hauler est.)	3.90
19	Fast Food Restaurant	Recycling	OCC	Hauler program (counted elsewhere)	0.00
		Reuse	pallets	QTY: 24 wood pallets/mo returned to vendor for reuse; S: Mgr report of receiving activity; CF: 40 lbs/pallet (USEPA).	5.76
		Reduction	paper	QTY: .56 ream/yr reduction from use of bulletin board; S: Mgr report of reduced paper consumption since program inception; CF: 5 lbs/500 sheet ream (USEPA).	0.09
		Recycling	grease	QTY: 150 lbs/wk (est based upon activity reported by similar business; S: Business ref #22; CF: N/A.	3.90
20	Fast Food Restaurant			(No activity reported)	0.00
21	Dine-in Restaurant	Reduction	food	QTY: Donates avg of 1 leftover pizza per week to local churches & schools at 1 lb ea; S: Manager report; CF: N/A.	0.03
22	Fast Food Restaurant	Recycling	grease	QTY: 150 lbs/wk (actual wt); S: Mgr record of vendor service; CF: N/A.	3.90
		Recycling	OCC	QTY: 7.81 tons returned to central distribution (est.); S: Hauler estimate based upon quantities of OCC collected from similar businesses (ref #'s 18&19; CF: N/A.	7.81
23	Dine-in Restaurant	Recycling	grease	QTY: 75 lbs/wk recovered by vendor; S: Mgr report of vendor activity; CF: N/A.	1.95
		Reuse	OCC	QTY: 6.01 tons; S: Mgr est of 35 boxes/6-day week (based upon 175 customers per day, 60% take out, with 1/3 reusing small boxes to carry order); CF: Sm box = 1.1 lbs (USEPA).	6.01
24	Drinking Place			(No activity reported)	0.00
25	Drug Store	Recycling	OCC	Hauler program (counted elsewhere)	0.00
		Reuse	food	QTY: Leftover holiday candy give to local foodbank (no qty estimate available); S: Manager; CF: N/A.	0.00
		Recycling	OCC	(OCC backhauled to central distribution; record for individual store not available.)	0.00
		Reduction	paper	(No info.)	0.00
26	Drug Store	Recycling	OCC	(Performed by outside vendor; unable to quantify.)	0.00
27	Drug Store	Reduction	paper	(Unable to estimate)	0.00

Attachment 9
All Non-Residential Generators Surveyed

28	Retail Liquor			(No activity reported)	0.00
29	Used Mdse., Antiques			(No activity reported)	0.00
30	Used Mdse., Thrift	Reduction	paper	QTY: 1.6 reams/yr reduction from routing of 100 memos to 7 employees; S: Manager report; CF: 5lbs/500 sheet ream (USEPA).	0.00
31	Florist			(Declined to participate)	0.00
32	Misc. Retail, Video	Reduction	paper	QTY: 2.8 reams/yr paper reduction from memo routing & bulletin boards; S: Mgr est based on reduction in paper consumption; CF: 5 lbs/500 sheet ream (USEPA).	0.01
		Reuse	office equipment	QTY: Donated 4 surplus computers to local schools; S: Mgr report; CF: 56 lbs ea (LA Study).	0.11
33	Apartment Operator			(No activity reported)	0.00
34	Real Estate Office	Reduction	paper	QTY: 5 reams/yr paper reduction from 2-sided copies; S: Mgr report; CF: 5 lbs/500 sheet ream (USEPA).	0.13
		Recycling	paper	Hauler program (counted elsewhere)	0.00
35	Motel (37-room)	Recycling	alum cans	QTY: .89 lbs/wk alum cans collected by recycler; S: Mgr report; CF: N/A.	0.02
36	Hotel w/ restaurant	Recycling	cooking oil	QTY: 8-gals./wk collected on site by vendor for recycling; BS: Mgr report; CF: 7.45 lbs/gal (USEPA).	1.54
		Reduction	paper	QTY: 2 reams/mo paper reduction from 2-sided copies, reuse & electronic faxing; S: Mgr. Report; CF: 5lbs/500sheet ream (USEPA).	0.06
37	Motel (24-room)			(No activity reported)	0.00
38	Hotel w/ restaurant			(No activity reported)	0.00
39	Motel			(No activity reported)	0.00

Attachment 9
All Non-Residential Generators Surveyed

40	Motel w/ apartments	Recycling	alum cans	(No info.)	0.00
41	Hotel, 50-rm w/ restaura	Recycling	OCC	Hauler program (counted elsewhere)	0.00
		Reduction	paper	QTY: 5 reams/mo paper reduction from 2-sided copies, memo routing, reuse, bulletin board & electronic messaging; S: Mgr report of consumption since inception of programs; CF: 5 lbs/500 sheet ream (USEPA).	0.15
42	Beauty Salon			(No activity reported)	0.00
43	Auto Body Repair	Recycling	metal	QTY: 1,000 lbs/mo auto body parts recycled by vendor; S: Owner's records of salvage activity; CF: N/A--	0.00
44	Auto Repair			(No activity reported)	0.00
45	Assisted living residence			(No activity reported)	0.00
46	Assisted living residence	Reduction	grasscycle	QTY: 2,000 sf measured turf area mowed & grasscycled ; S: Mgr report; CF: 350 lbs/1000 sf (USEPA).	0.35
		Recycling	alum cans	(No info.)	0.00
47	Elementary School	Reduction	paper	QTY: 52 reams/yr reduction from 2-sided copies, bulletin board & electronic faxing; S: Administrator's report of paper consumption since inception; CF: 5 lbs per/500 sheet ream (USEPA).	0.13
		Recycling	paper	Hauler program (counted elsewhere)	0.00
		Recycling	OCC	Hauler program (counted elsewhere)	0.00
		Reduction	clothing donation	QTY: 3, 33-gal plastic bags/mo (10 mos); S: Administrator's observation; CF: 30 lbs/33-gal plastic bag (LA Co).	0.50
		Reduction	grasscycle	QTY: 304,920 sf measured turf area mowed & grasscycled; S: District office report; CF: 350 lbs/1000 sf (USEPA).	53.36
48	Elementary School	Reduction	paper	QTY: 468 reams office paper reduction from 2-sided copies, reuse & electronic faxing, PLUS 8-case reduction in paper towel use from installation of air dryers (71 lbs/case per audit interview); S: Administrator record of consumption reduction since inception of programs; CF: 5 lbs/500 sheet ream (USEPA).	1.45
		Reduction	furniture & equip. repair	QTY: 100 furniture & equipment items (desks, light fixtures, tables, chairs, etc.) repaired annually with an average individual weight of 10 lbs; S: Administrator observation; CF: N/A.	0.50
		Reduction	grasscycle	QTY: 130,950 sf turf grasscycled; S: District office report; CF: 350 lbs/1000 sf (USEPA).	22.92

Attachment 9
All Non-Residential Generators Surveyed

49	Middle School	Reduction	grasscycle	QTY: 1,091,250 sf measured turf area mowed & grasscycled; S: District office report; CF: 350 lbs/1000 sf (USEPA).	190.97
		Reduction	paper	QTY: 1,536 reams paper reduction from 2-sided copies; S: Principle's report of reduced paper consumption; CF: 5 lbs/500 sheet ream (USEPA).	3.84
		Reduction	paper	QTY: 20 paper towel cases/mo replaced by use of air dryers (10 mos operation; 71 lbs/case as reported by school); S: Principle's report of paper towel purchases prior to inception of program; CF: N/A.	7.10
		Reduction	clothing donation	QTY: 100 lbs/yr unclaimed clothing donated to charity; S: Administrator report; CF: N/A.	0.05
50	Vocational sch. cosmo			(No activity reported)	0.00
52	Church	Reduction	paper	QTY: 10 reams paper reduction from 2-sided copies; S: Director's report of reduced paper consumption; CF: 5 lbs/500 sheet ream (USEPA).	0.01
53	Municipal facilities	Reduction	paper	QTY: 388 reams office paper reduction from 2-sided copies, memo routing, bulletin board, computer networking & electronic faxing; S: Mgr report of reduction of paper consumption since inception of programs; CF: 5 lbs/500 sheet ream (USEPA).	0.97
		Reduction	grasscycle	QTY: 621,841 sf measured turf area mowed & grasscycled; S: Facility mgr from maint log; CF: 350 lbs/1000 sf (USEPA)	130.00 100.00
		Recycle	tires	QTY: 185 truck, lt truck & passenger car tires ground for asphalt by vendor; S: Facility mgr records of vendor transactions; CF: N/A.	5.55
		Reuse	pallets	QTY: 25 wood pallets recycled by local vendor PLUS 12 wood pallets/yr returned to vendors; S: Facility mgr report of shipping receiving activity; CF: 40 lbs/pallet (USEPA).	0.6 1.20
		Reuse	supply containers	QTY: 12, 5-gal plastic containers refilled by vendor for reuse; S: Facility mgr records; CF: 1.9 lbs/container (USEPA).	0 0.01
		Recycle	packaging	QTY: 10 lbs office paper shredded weekly and used for packaging; S: Facility mgr. Record of activity; CF: N/A.	0 0.26
		Recycle	toner cartridges	QTY: 44 toner cartridges recycled with vendor; S: Facility mgr record; CF: 4 lbs/cartridge (UCLA/USEPA).	0.09
		Composting	yard waste	QTY: 38 tons yard waste composted at local facility; S: Facility mgr's load tickets; CF: N/A.	0 00.00
		Recycle	concrete	QTY: 36 tons concrete crushed and used as road base material; S: Facility mgr receipts from paving vendor; CF: N/A.	0 36.00
		Recycle	asphalt	QTY: 480 tons asphalt paving removed, crushed and reused by paving contractor; S: Facility mgr receipts from paving contractor; CF: N/A.	0 480.00
		Reduction	yard waste	QTY: 2,019 CY yard trimmings mulched by city forces and applied as ground; S: Facility mgr log of crew activities; CF: 108 lbs/CY mixed yard trims (USEPA).	109.03

Attachment 9
All Non-Residential Generators Surveyed

Total Business Diversion ~~2,413.05~~

1248.51